

Fig. 1A

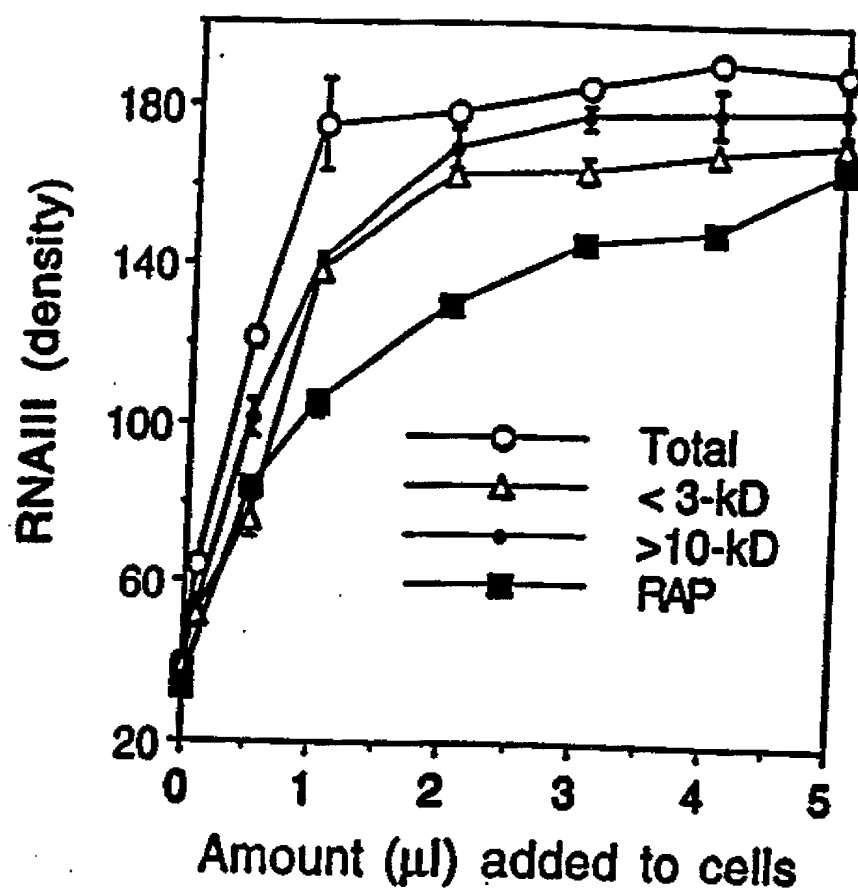
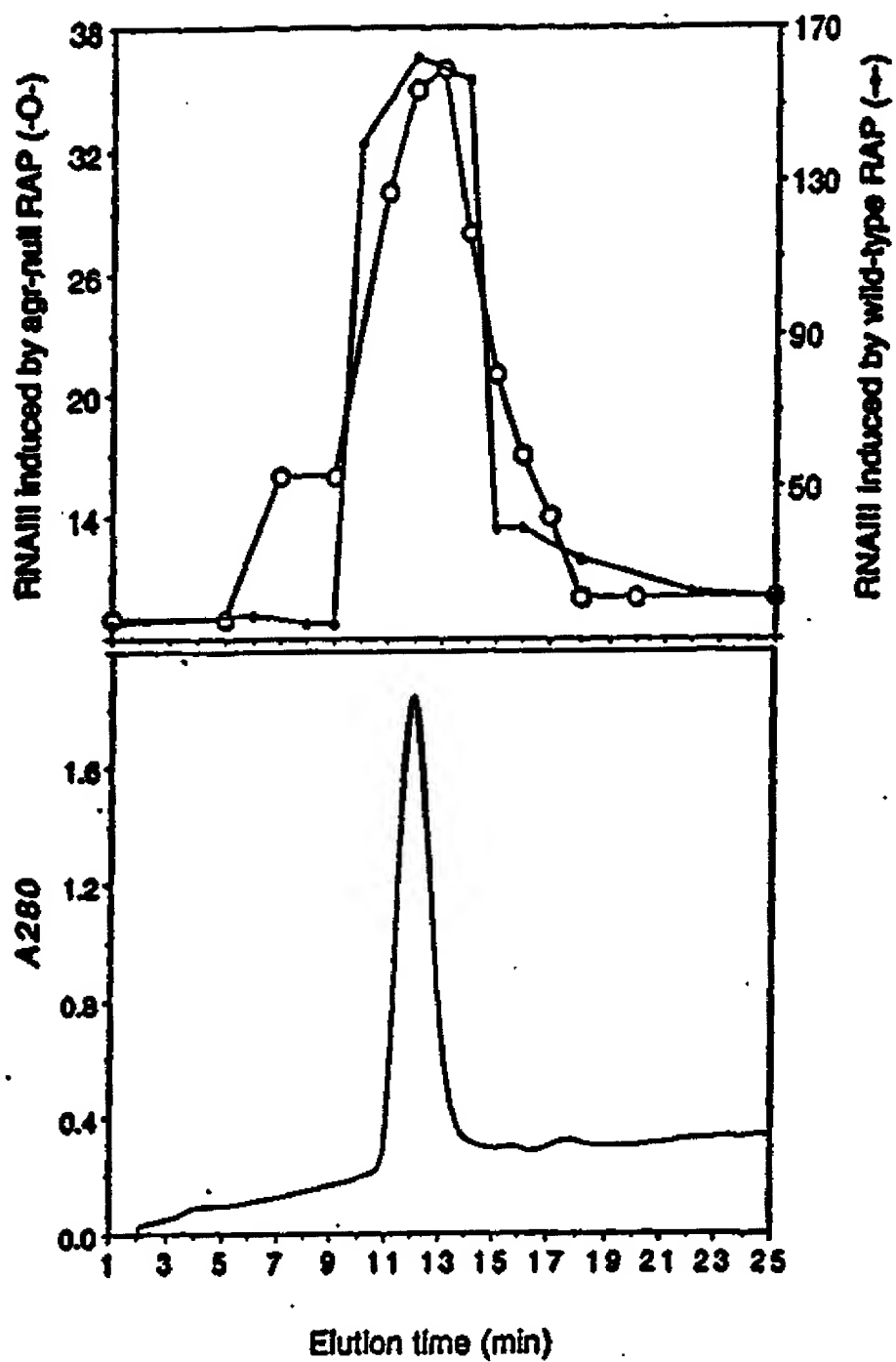


Fig. 1B,C



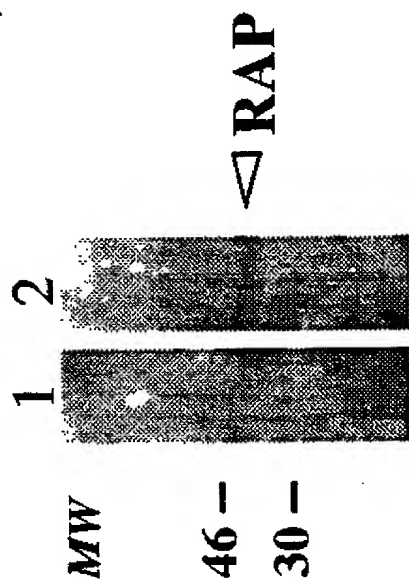


Fig. 2A

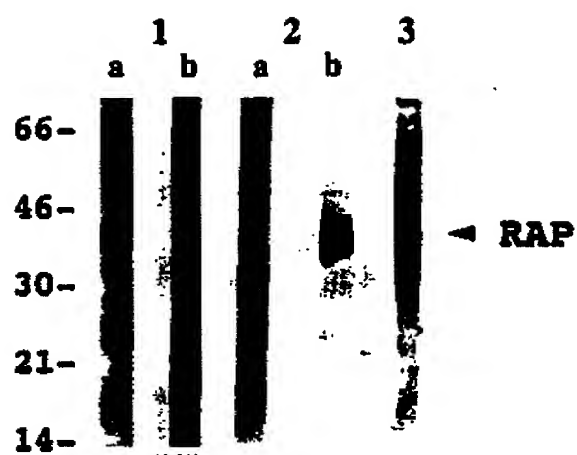


Fig. 2B

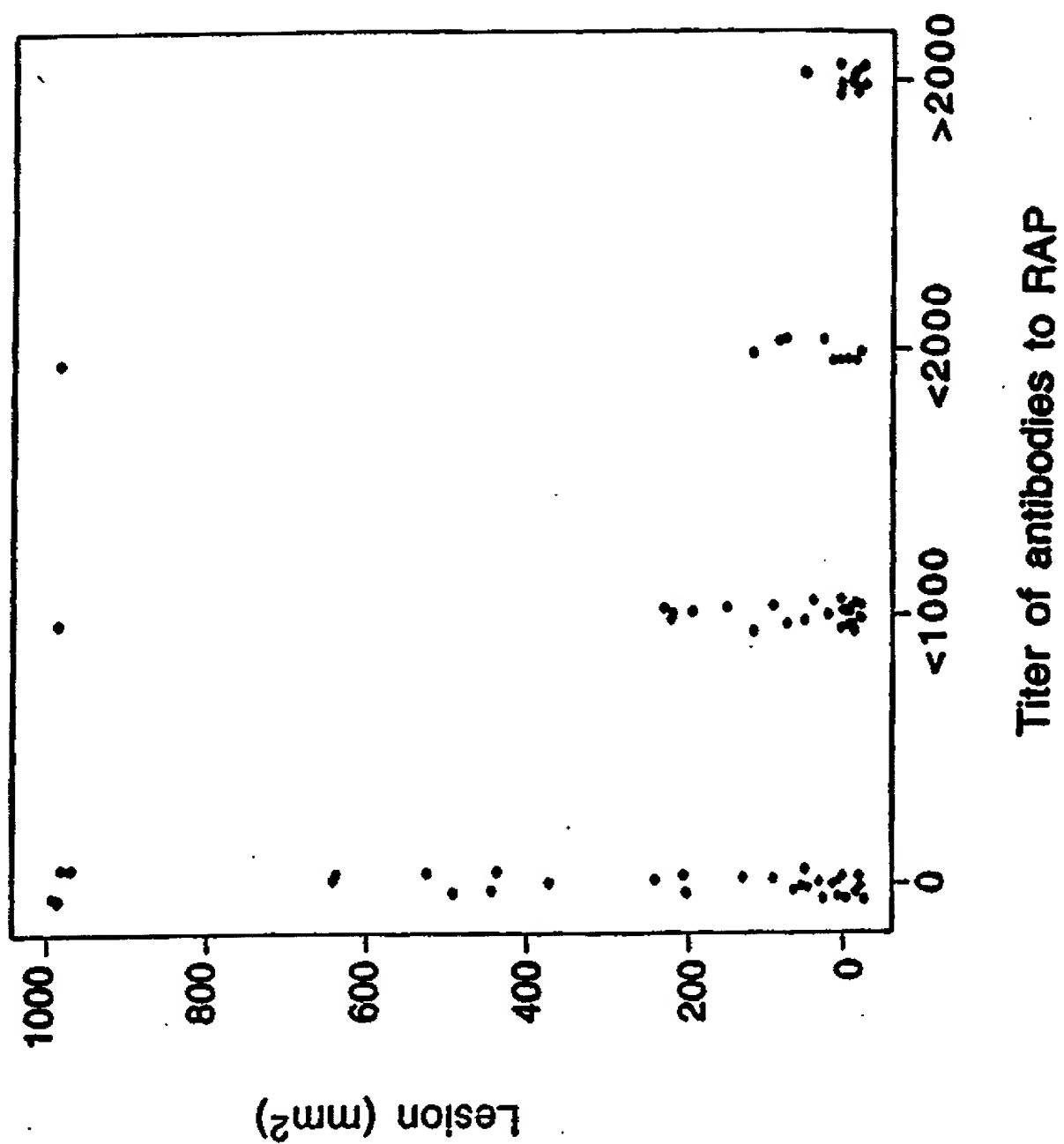


Fig. 3

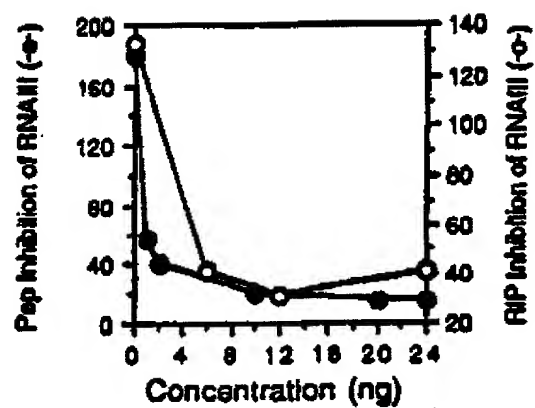


Fig. 4A

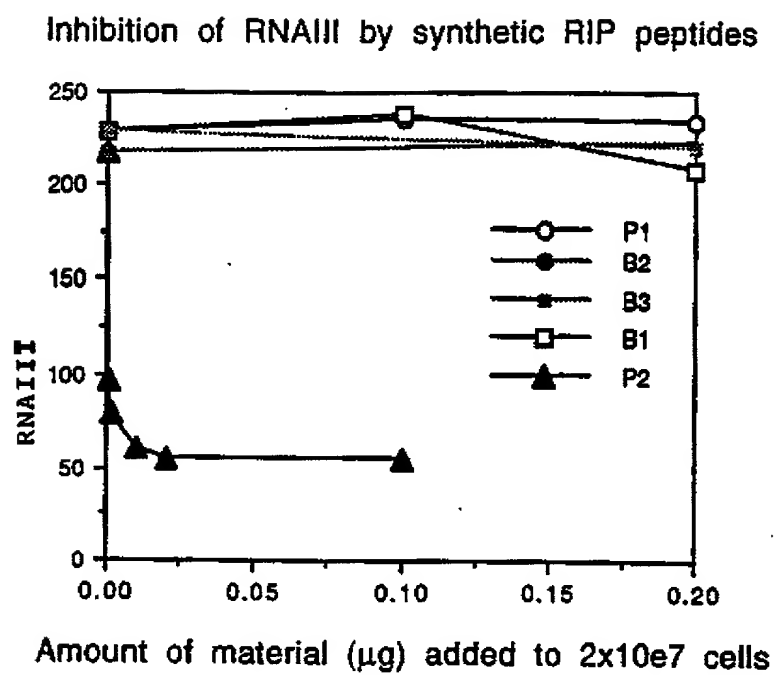


Fig. 4B

Inhibition of RNAlII by synthetic RIP peptides

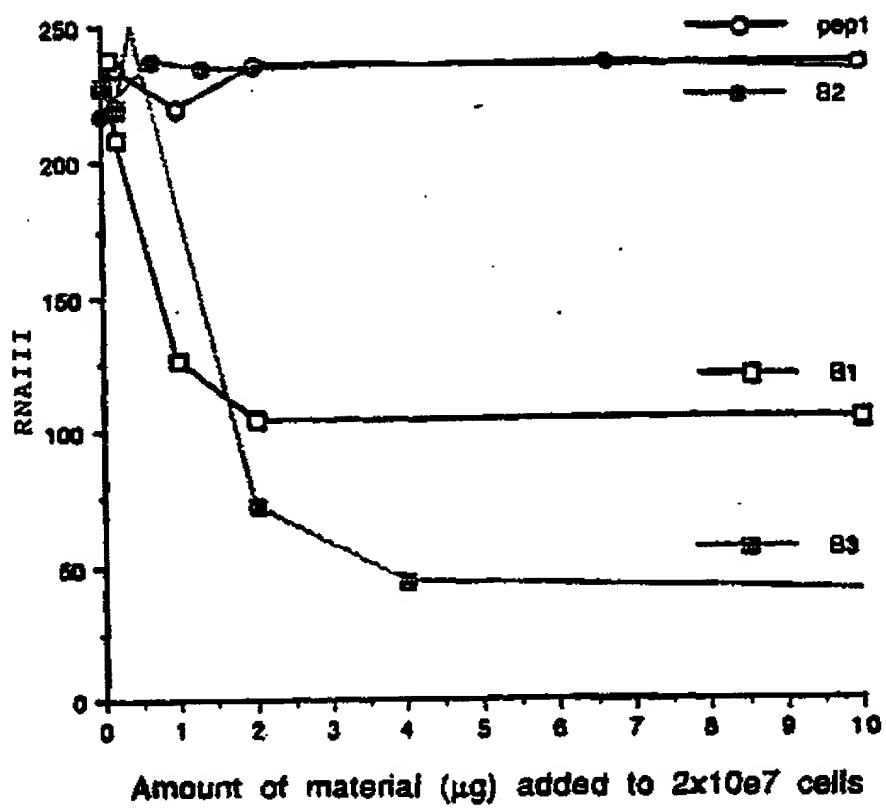
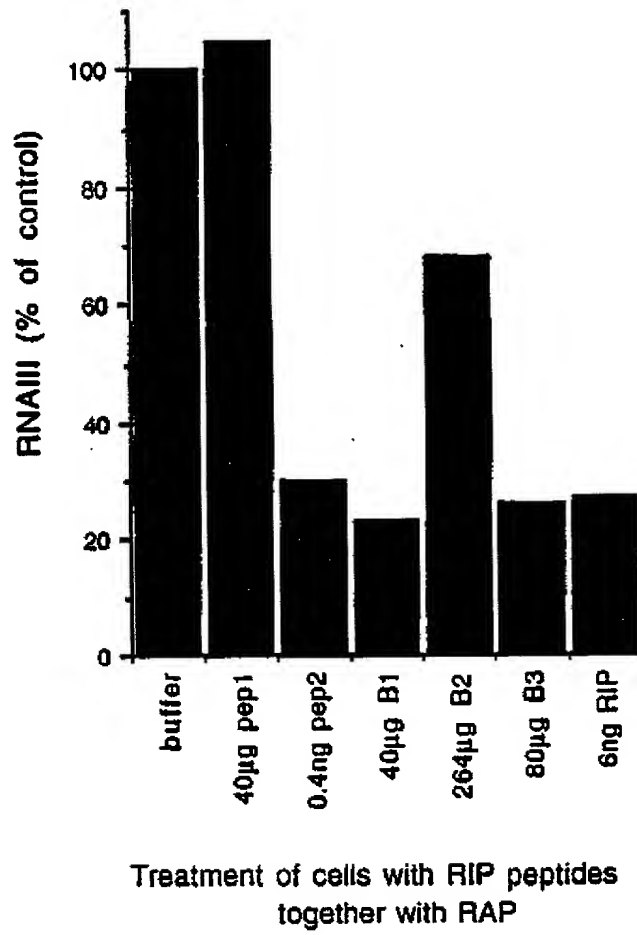


Fig. 4C

Competition between RAP and native or synthetic RIP



ATGGCTATTAAAAAGTATAGCCCAATACAAATGGTCGTGTAATATGACTTCGTTAGATTTCGCAGAAATACGAAAACTACACCTGAAAAAGTCATTATTA 102
 M A I K K Y K P I T N G R R N M T S L D F A E I T K T T P E K S L L
 AAACCGCTACCGAAAAAGCGGACGTAAACAACCAAGTAAATTGACTGTAAAGACACCAATGGTGGTGACACAAACCGTCAATACCGTGTATCGATTTCAAA 204
 K P L P K K A G R N N Q G K L T V R H G G H K R Q Y R V I D F K
 CGTAACAAAGATGGTATCAATGCAAAAGTTGATTCATTATGATCCAAACCGCTCAGCAACATCGCTTTAGTTGTATATGACAGACGGTGAAAAACGA 306
 R N K D G I N A K V D S I Q Y D P N R S A N I A L V V Y A D G E K R
 ATATATCATTTGCTCCTTAAGGATTAGAGTAGTCAAAATCGTTGAAAGTGGTCTGAAGCTGACACTAAAGTTGGTAACGCAATTACCAATTACAAAAC 408
 I Y H C I A P K G L E V G Q I V E S G A E A D T K V G N A L P L Q N
 ATTCCAGTTGGTACAGTAGTACACACATCGAGCTTAAACCTGGTAAGGTGGACAAATCGTTCAGCTGGTGCMAAGTGTCTCAAGTACTTGGTAAAGRA 510
 I P V G T V V H N I E L K P G K G Q I A R S A G A S A Q V L G K E
 GGTAATACGTATTAATCAGATTAGATCTGTGAAGTTCTGTATGATCTTATCTACTTGCCTGCTACAATCGGTCAAGTTGGTAACTACACACGAATTA 612
 G K Y V L I R L R S G E V R M I L S T C R A T I G Q V G N L Q H E L
 GTTAACGTTGGTAAAGCCGGACGTTCAAGATGGAAGGTATCCGTCCAACACAGTTTCGTGGTCTGTATGAACCCCTTAACGATCACCCACACGGTGGTGTAA 714
 V N V G K A G R S R W K G I R P T V R G S V M N P N D H P H G G E
 GGTCGTGCTCCTATCCGTAGACCATCTCCAATGTCCCATGGGTAAACCTACGCTTCGTGGTAAAGAACTCGTCGTGGTAAAGAAATCATCAGACAAACTTATC 816
 G R A P I G R P S P M S P W G K P T L G K K T R R G K K S S D K L I
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 V R G R K K K *

Fig. 5. DNA and Amino Acid sequence of RAP.

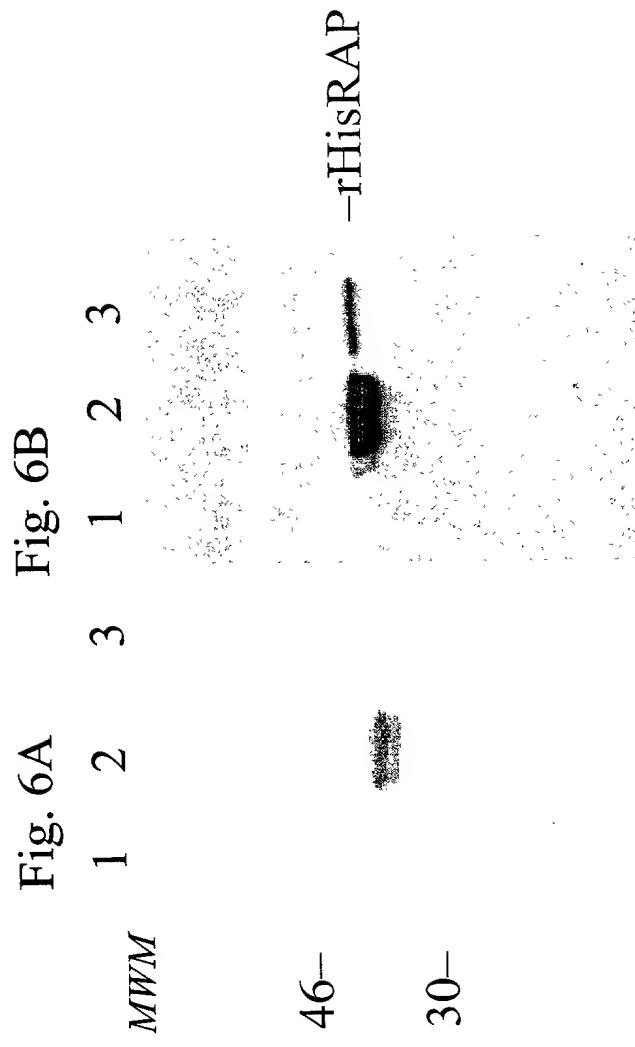


Fig. 7: Vaccination of Balb/c mice with rL2 and challenge with 2×10^9 *S. aureus* SD

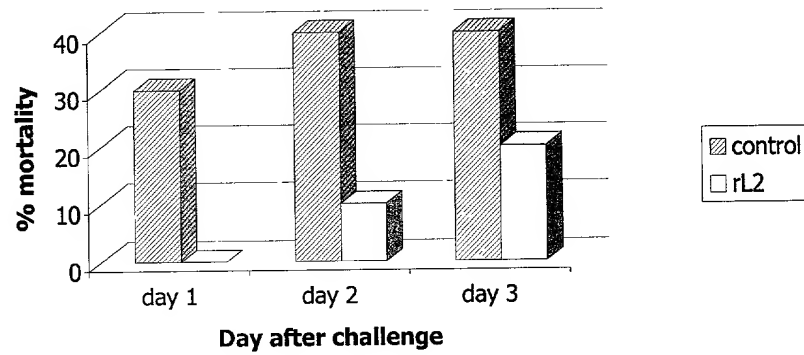


Fig. 8: Development of lesion in rL2 vaccinated animals that survived a challenge of 2×10^9 *S. aureus* cells

